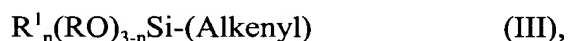
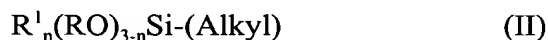


DI
adsorbing at least one organic compound with the adsorbent as claimed in Claim 44.--

Please add the following new claims.

44. (Newly Added) An adsorbent, comprising
a pulverulent rubber having a particle size distribution of from 0.4 to 10 mm, which
comprises at least one filler, wherein the filler is a natural or synthetic filler selected from the
group consisting of an oxide filler, a silicate filler, a precipitated silica gel, a pyrogenic silica
gel, and a mixture thereof, and wherein a surface of the filler is modified with one or more
organosilicon compounds of formula (II) or (III):



wherein

R¹: each independently represent a branched or nonbranched alkyl group
with 1 to 4 carbon atoms or a phenyl group;

R: each independently represents a branched or nonbranched C₁ to C₄
alkyl or C₁ to C₄ alkoxy group or a phenyl group;

n: 0, 1 or 2;

Alkyl: a monovalent straight-chain or branched saturated hydrocarbon group
with 1 to 20 carbon atoms;

Alkenyl: a monovalent straight-chain or branched unsaturated hydrocarbon
group with 2 to 20 carbon atoms;

wherein the total amount of the filler does not exceed 5000 phr individually or in
combination, and wherein the filler is bound with the rubber, and
phr is per hundred parts rubber.

45. (Newly Added) The adsorbent according to Claim 44, wherein the filler is present in an amount of from 100 to 5,000 phr.

46. (Newly Added) The adsorbent according to Claim 44, wherein the rubber comprises SBR rubber.

47. (Newly Added) The adsorbent according to Claim 44, wherein the rubber further comprises carbon black in an amount of from 100 to 2,000 phr.

48. (Newly Added) The adsorbent according to Claim 44, wherein the rubber further comprises rubber flour in an amount of from 100 to 3,000 phr.

49. (Newly Added) The adsorbent according to Claim 44, wherein the filler comprises sodium aluminosilicate in an amount of from 100 to 3,000 phr.

50. (Newly Added) The adsorbent according to Claim 44, wherein the filler comprises zeolite in an amount of from 100 to 3,000 phr.

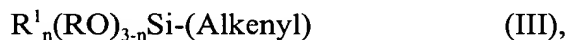
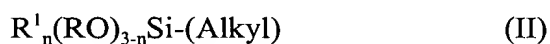
51. (Newly Added) The adsorbent according to Claim 44, wherein the rubber has a total pore volume of from 1.0 to 4 ml/g.

52. (Newly Added). The adsorbent of Claim 44, wherein the pulverulent rubber is selected from the group consisting of a natural rubber, an emulsion SBR with a styrene proportion of 10 to 50%, a butyl-acrylonitrile rubber, a butyl rubber, a terpolymer of ethylene, propylene and a non-conjugated diene, a butadiene rubber, an SBR rubber synthesized by a solution polymerization method and having a styrene content of 1,2-vinyl constituents of from 20 to 55%, an isoprene rubber and a mixture thereof.


53. (Newly Added) The adsorbent of Claim 52, wherein the isoprene rubber is 3,4-polyisoprene.

54. (Newly Added) The adsorbent of Claim 44, wherein the pulverulent rubber has mesopores of 2 to 30 nm and macropores greater than 30 nm in a ratio of from 1:2.5 to 1:22.

55. (Newly Added) An adsorbent, comprising
a pulverulent rubber having a particle size distribution of from 0.4 to 10 mm, which comprises at least one filler, wherein the filler comprises sodium aluminosilicate, and wherein a surface of the filler is modified with one or more organosilicon compounds of formula (II) or (III):



wherein

 R¹: each independently represent a branched or nonbranched alkyl group with 1 to 4 carbon atoms or a phenyl group;

R: each independently represents a branched or nonbranched C₁ to C₄ alkyl or C₁ to C₄ alkoxy group or a phenyl group;

n: 0, 1 or 2;

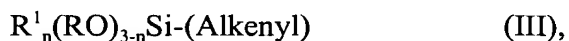
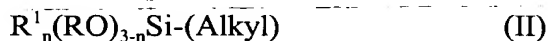
Alkyl: a monovalent straight-chain or branched saturated hydrocarbon group with 1 to 20 carbon atoms;

Alkenyl: a monovalent straight-chain or branched unsaturated hydrocarbon group with 2 to 20 carbon atoms;

wherein the total amount of the filler does not exceed 5000 phr individually or in combination, and wherein the filler is bound with the rubber, and
phr is per hundred parts rubber.

56. (Newly Added) An adsorbent, comprising

a pulverulent rubber having a particle size distribution of from 0.4 to 10 mm, which comprises at least one filler, wherein the filler comprises a zeolite, and wherein a surface of the filler is modified with one or more organosilicon compounds of formula (II) or (III):



wherein

R^1 : each independently represent a branched or nonbranched alkyl group with 1 to 4 carbon atoms or a phenyl group;

R : each independently represents a branched or nonbranched C_1 to C_4 alkyl or C_1 to C_4 alkoxy group or a phenyl group;

n : 0, 1 or 2;

Alkyl: a monovalent straight-chain or branched saturated hydrocarbon group with 1 to 20 carbon atoms;

Alkenyl: a monovalent straight-chain or branched unsaturated hydrocarbon group with 2 to 20 carbon atoms;

wherein the total amount of the filler does not exceed 5000 phr individually or in combination, and wherein the filler is bound with the rubber, and
phr is per hundred parts rubber.

REMARKS

Claims 13-20 and 44-56 are active in the present application. Claims 1-12 and 21-43 have been cancelled. Claim 13 has been amended to depend from newly added independent Claim 44. Claims 44-56 are new claims. New independent Claim 44 includes the limitations